



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/675,748	09/29/2000	Christopher Richard Uhlik	015685.P069	2834

7590

01/07/2004

Gordon R. Lindeen III
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
7th Floor
12400 Wilshire Boulevard
Los Angeles, CA 90025

EXAMINER

TRAN, THIEN D

ART UNIT

PAPER NUMBER

2665

DATE MAILED: 01/07/2004

7

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/675,748

Applicant(s)

UHLIK ET AL.

Examiner

Thien D Tran

Art Unit

2665

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 December 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-68 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-68 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
- a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-68 are rejected under 35 U.S.C. 102(b) as being participated by Bruckert et al (U.S Patent No. 5,355,516)

Regarding claims 1, 16, 25, 33, Bruckert discloses a method comprising:

transmitting a broadcast burst in a broadcast channel from a base station of a radio communications system (col.7 lines 19-25)

receiving an access request (request burst) from a user terminal (col.7 lines 40-45);

transmitting a channel assignment message (message burst) from the base station to the user terminal from which the request burst was received, the message burst including specific frequency or time slot parameters or the user terminal to tune in (a description of the channels) of the radio communications system for communicating with user terminals. See col.7 lines 50-55.

Regarding claims 2, 3, 17, 18, 26, 27, 34, 35, 42, 43, 58, 59, 65, 66, Bruckert discloses that description of the available channels includes an identification of traffic channels of the radio communications system. See col.7 lines 50-60.

Regarding claims 4, 5 19, 20, 28, 36, 44, 46, 47, 60, 61, 67, Bruckert discloses that request burst further includes an indication of the power used by the user terminal to transmit the request burst and wherein the indication of the transmit power to be used by the user terminal is based upon the indication in the request. See col.7 line 57.

Regarding claims 6, 23, 53, 56, Bruckert discloses that request includes an identification of the user terminal. See col.9 lines 15-20.

Regarding claims 7, 8, 9, 21, 22, 29, 30, 37, 38, 39, 45, 49, 62, 68, Bruckert discloses that broadcast burst has a specific transmission time and the request burst is received with a specific timing relationship to the broadcast message, the method further comprising using the timing relationship to determine a base station to which the request burst is directed. See col.9 lines 5-15.

Regarding claims 10, 11, 50, 51, 54, 55, 63, Bruckert discloses that broadcast burst further includes a code to identify the transmitting base station and wherein receiving a request burst comprises the request burst from the base station identifying code. See col.7 line 50.

Regarding claims 12, 31, Bruckert discloses that broadcast burst includes a power. See col.7 line 53.

Regarding claims 13, 40, 48, Bruckert discloses that broadcast burst includes a load sequence that is related to the current traffic load at the base station. See col.6 lines 50-60.

Regarding claims 14, 15, 24, 32, Bruckert discloses analyzing the spatial direction from which the request burst is received and wherein transmitting the message

Art Unit: 2665

burst comprises transmitting the message burst spatially directed toward the user terminal based on the spatial direction analysis. See col.9 lines 25-55.

Regarding claims 41, 52, 57, 64, Bruckert discloses a method for requesting access on a wireless network comprising:

receiving a plurality of timing sequences on a broadcast channel from at least one base station;

determining network timing using the received timing sequences;

using the network timing to determine a network access request transmission time;

transmitting a network access request at the determined time; and

receiving a message burst from a base station, the message burst including a description of the channels available on the wireless network. See col.7 lines 40-60.

Conclusion

3. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Thien Tran whose telephone number is (703) 308-4388. The examiner can normally be reached on Monday-Friday from 8:30AM to 5:00PM.

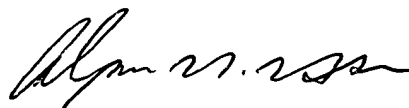
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (703) 308-6602. Any inquiry of a general nature of relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Application/Control Number: 09/675,748

Page 5

Art Unit: 2665

Thien Tran

A handwritten signature in black ink, appearing to read "Alpus H. Hsu".

ALPUS H. HSU
PRIMARY EXAMINER